```
============================================================
Sequence Listing could not be accepted due to errors.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2007; month=11; day=28; hr=14; min=49; sec=43; ms=886;
]
============================================================



************************************************************
Reviewer Comments:

seq Id 45

Total number of bases input in <211> are 139, but calculated 138.
************************************************************
```

Application No: 10085783   Version No: 3.0

Input Set:

Output Set:

Started:	2007-11-08 09:20:51.713
Finished:	2007-11-08 09:34:28.539
Elapsed:	0 hr(s) 13 min(s) 36 sec(s) 826 ms
Total Warnings:	58994
Total Errors:	2
No. of SeqIDs Defined:	58994
Actual SeqID Count:	58994

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
W 402	Undefined organism found in <213> in SEQ ID (14)
W 402	Undefined organism found in <213> in SEQ ID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
W 402	Undefined organism found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)

```
                    Input Set:


                    Output Set:



                    Started:   2007-11-08 09:20:51.713
                   Finished:   2007-11-08 09:34:28.539
                    Elapsed:   0 hr(s) 13 min(s) 36 sec(s) 826 ms
            Total Warnings:    58994
              Total Errors:    2
     No. of SeqIDs Defined:    58994
        Actual SeqID Count:    58994
```

Error code   Error Description

                    This error has occured more than 20 times, will not be displayed

W 213   Artificial or Unknown found in <213> in SEQ ID (43)

E 254   The total number of bases conflicts with running total, Input:
                139, Calculated : 138 SEQID(45)

E 253   The number of bases differs from <211> Input: 139 Calculated:138

W 213   Artificial or Unknown found in <213> in SEQ ID (64)

W 213   Artificial or Unknown found in <213> in SEQ ID (71)

W 213   Artificial or Unknown found in <213> in SEQ ID (120)

W 213   Artificial or Unknown found in <213> in SEQ ID (140)

W 213   Artificial or Unknown found in <213> in SEQ ID (153)

W 213   Artificial or Unknown found in <213> in SEQ ID (162)

W 213   Artificial or Unknown found in <213> in SEQ ID (386)

W 213   Artificial or Unknown found in <213> in SEQ ID (410)

W 213   Artificial or Unknown found in <213> in SEQ ID (542)

W 213   Artificial or Unknown found in <213> in SEQ ID (590)

W 213   Artificial or Unknown found in <213> in SEQ ID (705)

W 213   Artificial or Unknown found in <213> in SEQ ID (811)

W 213   Artificial or Unknown found in <213> in SEQ ID (978)

W 213   Artificial or Unknown found in <213> in SEQ ID (1052)

W 213   Artificial or Unknown found in <213> in SEQ ID (1055)

W 213   Artificial or Unknown found in <213> in SEQ ID (1123)

W 213   Artificial or Unknown found in <213> in SEQ ID (1172)

W 213   Artificial or Unknown found in <213> in SEQ ID (1291)

```
          Input Set:


         Output Set:



            Started:   2007-11-08 09:20:51.713
           Finished:   2007-11-08 09:34:28.539
            Elapsed:   0 hr(s) 13 min(s) 36 sec(s) 826 ms
     Total Warnings:   58994
       Total Errors:   2
No. of SeqIDs Defined:   58994
   Actual SeqID Count:   58994
```

Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (1332)
              This error has occured more than 20 times, will not be displayed

<210>   1
<211>   377
<212>   DNA
<213>   Human

<400>   1
cggaggtgca ggtcctggtg cttgatggtc gaggccatct cctgggccgc ctggcgcaat   60

tccgtggcta aacaggtact gctgggccgg aaggtggtgg tcgtacgctg tgaaggcatc   120

accatttctg gcaatttcta cagaaccaag ttgaagtacc tggctttcct ccccaagcgg   180

atgaacacca acccttcccg gggcccctat ccctttccgg gccccaagcc gattttttg   240

ggcgacccgg gcgggggattt ctcccaaaaa accaagcagg ccaggccgtc tctgaccgtt   300

aagggtgttt acggaatcca ccgccatcga atgaaaagcg atgtgttcct gctgcctatg   360

gtcgtcgtac taatgca   377

<210>   2
<211>   209
<212>   DNA
<213>   Human

<400>   2
ggaaaggaaa gctgtgggac catcctggca accccggtgt ttggctgggt tctagcgtag   60

cggtctgtat tcggccggtg ggggaccttg cgtcggagtg ggagggccag tttgcaccca   120

agaggtggaa gaggacgggc tttaggctgg aagcgcctta gaggagccat ttttcccagg   180

atgcctgggt tgctttttata gtgtaaccc   209

<210>   3
<211>   499
<212>   DNA
<213>   Human

<400>   3
tttgatggcg tgatgtctca cagaaagttc tccgctccca gacatgggtc cctcggcttc   60

ctgcctcgga agcgcagagc aggcatcgtg ggaaggtgaa gagcttccct aaggatgacc   120

cgtccaagcc ggtccacctt acagccttcc tgggatacaa ggctggcatg actcacatcg   180

tgcggggagt cgacaggccc ggatcccagg tgtaacacag aaggaggtgg tgtagagctc   240

tttccccatt tgagacacac cacctatggt gtttgtggac tttgtggtcc tacgtggaca   300

cctctcgagg tctccgcacc ctacaagact gtcttttgct gagcacatca gtgatgattg   360

cagaggcgtt tctatatgaa tttgcataat ctaagaggag ctttaccag tacttcagac   420

atgcaggatg aggatgcaga gcagctgaga ggactcagca gcatgagaga tctccaagtc   480

atcgtgtcat tgccacacc   499

<210>   4
<211>   406
<212>   DNA
<213>   Human

<400>   4
aaggaaatgg ctacccaact tgccttcatg cgcctgctgg ccaactatgc ctctcagaac   60

atcacctacc actgcaagaa cagcattgca tacatggatg aggagactgg caacctgaaa   120

aaggctgtca ttctacaggg ctctaatgat gttgaactgt tgctgagggc aacagcaggt   180

tcacttacac ttgttcttgt agggtgggtg ctttaaaagg gcaaattgat gggggggaggc   240

acatattcga tcacaacaca tagagcctac agcttgcctt cctttgtatt cgccacttgg   300

gactaggttg gcatcgcccg ggtttcttgg ggactgggcc agtcttcaca tagaaagctc   360

atatccatag aaaggtagat tttggatact ccttcttttg ctacgc   406

<210>   5
<211>   440
<212>   DNA
<213>   Human

<400>   5

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gagacttaga gccaaactgt ttaagctgta tcatcccaac aaagtatcct ttcatgaacg          60

gggggcatgca atagcttaag aattgctagg attaaattaa ggaaagtaaa gctactcaga         120

gcagcaggtt ccacaagcac aaactttaca catttgtaca cttttgaaat gcactacatt         180

aacacattag agcacacatt tgaaatacag gcttctttac atacactgag aggttataca         240

cactcagttt cacacgggca cactctatac ctctctaaag gtaatatctc aggtctctat         300

aggcagagta ttttactctc taaatctgcc tctctgacca caaaaaaaaa aaaaacctgg         360

ggggtccttc tgggcgccgg ggcccatcga tttccacccg ggggggacca ggaagttccc         420

caatcgccta tgtagtcata                                                     440


<210>    6
<211>    403
<212>    DNA
<213>    Human

<400>    6
aaaaaatagt ttttcatta gtatttctcg ggaggaccca aaagttaagg tcagcttgtt          60

cactgtaatt tctggaagga gttcactcag accttcctga attcagatca tctcagaagt         120

cttgagggaa atcttgcgaa accctcgttt gaggacttat gttagtttat tgccacctca         180

cttggtgcac cgagaactta cttccttgga ttaggtcact tctttgattt ctaataggat         240

gacttccaga gagtgagatt tgttatgtct ggcttataaa ggtaaatata aatatataca         300

tacttaatct aaaaaaaaaa aaaaacctcg ggggtctttt tggacgccgg ggcccattcg         360

attcccccccg ggtgggggcca aggtaagtac cccaatcgcc tat                         403


<210>    7
<211>    231
<212>    DNA
<213>    Human

<400>    7
cttttgcagat cttttccgac acacatgtct gaagacttat tttcaaagac agcacatttt         60

tggaaactaa tctcttttcc gtaatatttc ctttatttca atgattctca gaaggcccat         120

tcaaacaaac cccccattta agggtcttta gggttatagg ataaaattgg gctcctagag         180

tttagccccc agtagagcta ggaaagcccc actcgtatat ttgttccctt c                  231


<210>    8
<211>    114
<212>    DNA
<213>    Human
```

<400> 8

tgcttctatt accaggctgt aatagctggt atagtttttt attttctct taaggtgttc   60

ttttattagt ctgaggacag ccatttttt tttttaaggg aaaatatcag tcag   114

<210> 9
<211> 166
<212> DNA
<213> Human

<400> 9

aagtatgatg ctttttggc ctcagagtct ctgatcaagc agattccacg aatcctcggc   60

ccaggtttaa ataaggcagg aaagttccct tccctgctca cacaaaaacg gaaacatggt   120

ggccaaagtg gattaggtga agtccccaat caagttttcc caatga   166

<210> 10
<211> 297
<212> DNA
<213> Human

<400> 10

tttttttttt gaataataga ggcaatattt ttaatcagtt cccagataag gtcaattaga   60

aacatgcact gctaaaatgc aagttacaat tcaaatggta ccataaataa ttagggtaca   120

cactgagcat tttcaggaat cagcttccat atcttgatcc actaaatggg gagggtcttc   180

aggacacggt cccttacccc tttatacaca gagggggagg aatttaaggg tcgcctcatg   240

gacactttac agtaaatcgg gacacattta tttgagtaca ctatttagac atgtaaa   297

<210> 11
<211> 218
<212> DNA
<213> Human

<400> 11

cttggatgaa gagaggaccg tgagggtccc catgatgtcg gaccctaagg ctgttttacg   60

ctatggcttg gattcagatc tcagctgcaa gattgcccag ctgcccttga ccggaaggca   120

tgagtatcat ttttttcctg cccctgtaag tgcaccagaa tttgaccttg atagaggaga   180

gcctcaacct ccgagttcat tcatgacata gaccgaga   218

<210> 12
<211> 232
<212> DNA
<213> Human

<400> 12

cttcagggtg atgccaggtt ctatttggga atttatatac aacctgcttg ggtggagaag   60

ccattgtctt cggaaacctt ggtgttagtt gaacctgata agttactttt gtgacctgaa   120

gttcaccatt aaaaggggat tacccaaggc aaaatcatgg gattggtata aaagggattg   180

ttgggcaatc cattgcaata tattcaaaaa ttgaataatg ggccccataa aa   232

<210> 13
<211> 136
<212> DNA
<213> Human

<400> 13

gcagaatcac atggcaaaag ctttgaaaat cataaagata taagttggtg tggctaagat   60

ggaaacaggg ctgattcttg attcccaatt ctcaactctc cttttcctat ttgaatttct   120

ttggggctgt agaaac   136

<210> 14
<211> 251
<212> DNA
<213> Human

<400> 14

cttttatgta tccatcccat ctaaaaactc ttcaaactcc acttgttcag tctgaaatgc   60

agctccctgt ccaagtgcct tggagaactc acagcagcac ggcttaatca aagggtttta   120

ccagcccttg gacactattg ggaggagggc aagagtacac caatttgtta aaagcaagga   180

aaccacagat gtctcttcac tagtcattta gagcatggtt atcatccaag actactctac   240

cctgcaacaa t   251

<210> 15
<211> 251
<212> DNA
<213> Human

<400> 15

cagagatgta ctgttattag ctgggaagac caattctaac agcaaataac agtctgagac   60

tcctcatacc ctcagtggtt agaagcatgt ctctcttgag ctacagtaga gggggaggga   120

tttttgtgta gtcaagtcac catgctggaa tgtacactga ttcctctatg atgactgctt   180

aactccccac tgtcctgtcc cagagaggct ttccaatgta gctcagtaat tcctcttact   240

ctacagacag g   251

<210> 16
<211> 162
<212> DNA
<213> Human

<400> 16
attgcatgca agtttgctga gctgaaggaa aagattgatc gcccgttctg ggtaaaaatg   60

ctggaaggat gggccctaaa attcttgaag tctgggtgat gctgcccatt gttgatatgg   120

gtcccgggca agcccatttt tttttgagag gcttctcaga ct   162

<210> 17
<211> 225
<212> DNA
<213> Human

<400> 17
gcagctgaca gaggaagccg ctcaaatacc ttcacaataa atagtggcaa tatatatata   60

gtttaagaag gctctccatt tggcatcgtt taatttatat gttatgttct aagcacagct   120

ctcttctcct attttcatcc tgcaagcaac tcaaaatatt taaaataaag tttacatatg   180

tagttatttt caaatctttg ctttataagt attaagagat atgtg   225

<210> 18
<211> 215
<212> DNA
<213> Human

<400> 18
ccctgacagc cagtatattg acaacaggag tgtgaacagt gcagggcttc acacggtgca   60

gagagcaccc cgactgaacc acccgcctga gcagatagac tctcactcaa gactacctca   120

tagcgcacac ccctcgggaa aaccaccatc cgcttcagcc ttggcacctt agaatgtatt   180

tagtacggct ttaagcagtg tgttattaca ccaca   215

<210> 19
<211> 285
<212> DNA
<213> Human

<400> 19
gtcgccgctg cgaagggagc cgccgccatg tctgcgcatc tgcaatggat ggtcgtgcgg   60

aactgctcca gtttcctgat caagaggata agcagaccta cagcactgag cccaataact   120

tgaaggcccg caatttcttc cgctacaacg gacttattca acgccaagac tgtgggcgtg   180

gagcccgcag accgacggca aaaggtgttc gttggtgggt caataagcgg agattcccgc   240

cagcggaagc cttccacctt ctatgtgcgg agcaccaata acaag   285

<210>   20
<211>   307
<212>   DNA
<213>   Human

<400>   20
ctcgtgccga attcggcacg agcggcacga gctggagttg gcgacttcga tattaacaag   60

gatggcggcg gccgcagcaa gtcggataag tcgggccaaa gctgggccta ccgtaagatt   120

cgcatccact tatgtcagcg ctcgcccggc agccagggcg tcagggactt cattgagaac   180

cgctacgtgg agctgaggag ggcgaatccc gacctaccca tcctaatccg cgaattctcc   240

gatgtgcagc ccaagctctg gcccgctacg catttggcca gagacgaatg tcctttgaca   300

acttcag   307

<210>   21
<211>   138
<212>   DNA
<213>   Human

<400>   21
gtcgcggcga catggccaaa cgtaccaaga aagtcgggat cgtcggtaaa tacggggacc   60

cgctattggg gccttccttc ggaaaattgt gtaaggaaaa ttgaaattca gccagcacgg   120

ccaagtgaca ctttgctc   138

<210>   22
<211>   138
<212>   DNA
<213>   Human

<400>   22
aaagaagtag caaattatct tcagtataat ccatggtaat gtatgcagta attcaaattg   60

atctctctct caatagggtt cttaacaatc ttaaacttgg aacatcaatg gttaattttc   120

agggaccttt ttgggttt   138

<210>   23
<211>   132
<212>   DNA
<213>   Human

<400>   23
ccctacgaca agaaaaagcg gatggtggtt tctgctgcct caaggtcgtg cgtcttaagg   60

cctacaagga aaggttggct aatcttgggc ggcttgctta agaaggttgc ttgaagtacc   120

aagcagttac aa   132

<210> 24
<211> 247
<212> DNA
<213> Human

<400> 24
ctcacgcaag catggttaac gtccctaaaa cccgccggac tttctgtaag aagtgtggca   60

agcaccaacc ccataaagtg acacagtaca aggagggcaa ggattctctg tacggccagg   120

gaaagccgcc ttatgacaag aagcagagat ggttattgtt ggcaaactaa gccgattttc   180

cggaaaaagg ctaaaactac acagaagagt tgtgctaagg ctctagtgcg ctgagccccca   240

ctccaga   247

<210> 25
<211> 213
<212> DNA
<213> Human

<400> 25
gtttgagaag tcccccctgc gggtgaagaa cttcgggatc tggctgcgct atgacttccg   60

gagcggcacc cacaacatgt accgggaata ccgggacctg aacaacgcag gcgctgtcac   120

ccagtgctac cgagacatgg gtgcccggca ccgcggccga gcccacttca ttcagatcat   180

gtaaggttga ggagatcgcg gccagcaagt gtc   213

<210> 26
<211> 237
<212> DNA
<213> Human

<400> 26
gaaaaatgag tatgttcctt ctcaggagag ctcttagaca acaagcaaag aatgtcaatg   60

aaatttttaa gtgctcagtg ttccaggcca gagtacagag ggagggacac tttgctgtct   120

ttcagtcctt tcttttttaat tgtattgatt cttttcctcg gtaataaata agtgcatact   180

agtgtttatt aaggaaagac aggtacaagc caaattgtat tcatttaatc atattcg   237

<210> 27
<211> 132
<212> DNA
<213> Human

<400> 27

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cctgtgccga aattcggcac gaggcttgcg ggaatcccat tcacccttgt ccttctcacc     60

taaatcctgc agcctggctt cctgacccaa tgaatccctt aggtgaattt cgtcagttca    120

agagcccctt gg                                                        132


<210>    28
<211>    110
<212>    DNA
<213>    Human

<400>    28
cagagatgaa ctgaggtcct tgttttgttt tgttcataat acaaaggtgc taattaatag     60

tatttcagat acttgaggaa tgttgatggt cctagaggaa tttgagaggg              110


<210>    29
<211>    257
<212>    DNA
<213>    Human

<400>    29
gccgttctgg taaaaagctg gaagatggcc ctaaattctt gaagtctggt gatgctgcca     60

ttgttgatat gggttcctgg caagcccatg tgtgttgagg agcttctcaa gctatccacc    120

tttgggtcgg tttgctgttc gggatatgag gacaagacaa gtgcgggggg tgtcatcaaa    180

ggcaggtggc aaggaggctg ctgggagctg gcaaggtcac aagtctgccc agaaagctca    240

gagggctaaa tgaatat                                                   257


<210>    30
<211>    361
<212>    DNA
<213>    Human

<400>    30
tgtcaatctt gcctggacag caggaaacag taacacgcgc ttcggaatag cagccaagac     60

tcagattgac cctgacggct gcttctcggc taaagtgaac aacttcacgc ctgataggtt    120

tagggataca actcaggact ctaaagccag gtattaaact gacaactgtc agctcttctg    180

aatggcaaga acgtcaatgc tggtggccac aagcttggtc taggactgga atttcaagca    240

taaatgaata ctgtacattg tttaatttta aactatttgc agcatagcta ccttcagagt    300

gtagtgtatc tttaatgttg tatgtctgta tgcagtattg ctaatatgtt agccctcaga    360

t                                                                    361


<210>    31
```

<211> 398
<212> DNA
<213> Human

<400> 31
ccggcacaga tgaaaaggct cttattgaaa tcctggccac tcggaccaat gctgaaatcc   60

gggccatcaa tgaggcctat aaggaggact atcacaagtc cctggaggat gctctgagct   120

cagacacatc tggccacttc aggaggatcc tcatttctct ggccacgggg catcgtgagg   180

aggaggagaa acctggacag gcacggaaga tgccaggtgc tcctgagatc ttggaaatag   240

cagacacacc agtgagacaa acttccttga gacacgtttc atgacgatct ctctaccgga   300

gctatcgaac ctccgagagt cttcaggagt tcatcaagat gacactatga cgtgagacac   360

atcagaggag atgtctggga tgtaggaatg catttgtg   398

<210> 32
<211> 210
<212> DNA
<213> Human

<400> 32
cggcacgagt agtgacagac cgttggcatg ttagaactaa ggaaggggga aaacttatga   60

agccctgttc tttcactaaa ttacctgcgt gtatttgacc aatgcaaata aaccaggcaa   120

tatccagtgt ttggaatatt aaagtaattc atggattaat ttttagtggg ttagagcctc   180

taattaaagc ttaatatata ttaagtgcac   210

<210> 33
<211> 275
<212> DNA
<213> Human

<400> 33
ggcttgtgca gcaatggcca agatcaaggc tcgagatctt cgcgggaaga agaaggagga   60

gctgctgaaa cagctggacg acctgaaggt ggagctgttc ccagctgcgc gtcgccaaag   120

tacaggcggt cggcctccaa gctctctaag atccgagtcg tccggaaatc cattgcccgt   180

tttctaacag ttattaacca gactcagaag gaaacctcag gaaattctac aaggcaagag   240

gtacaagccc ttggacctgc ggcctaagag acacg   275

<210> 34
<211> 131
<212> DNA
<213> Human

<400> 34

cagtcttgct ttattcatcc tccatctcaa aatgaacttg gaattaaata ttgtaagata   60

tgtataatgc tggccatttt aaaggggttt tctcaaaagg taaacctttt gttattgact   120

tgtgttttg c   131

<210> 35
<211> 155
<212> DNA
<213> Human

<400> 35

gtggcgataa gggagagccc ggtgaaaagg ggcccagagg tcttcctggc ttaaagggga   60

cacaatggat tgcaaggtct gcctgggtat cggctggtca accatgggtg atcaagggtg   120

cctcctggct ccgtggggtc ctcttggtcc ttggg   155

<210> 36
<211> 150
<212> DNA
<213> Human

<400> 36

gtcagctctg aatgaggagg ggagaagccc ctggggtctt tctttgaaag gaatcccgct   60

gcttgagggc ttgcctccct tcaatggtgt tccgtttcgt ttcttttccc tgaccggact   120

tttttatatt caagaggtac ctattgcaaa   150

<210> 37
<211> 199
<212> DNA
<213> Human

<400> 37

ctgaaatcta gcagagttta actcttctgc ctccatgtct gtcacttata attcaggttc   60

tgctgttggc ttcagaacat gagcaggagg atcgttttat gctaggttat tgcaatcaat   120

ggtgaaactc aacttaggga aagggttcca atgtataagg caatgggctg cttctcccca   180

atcctcccta acaatttgt   199

<210> 38
<211> 315
<212> DNA
<213> Human

<400> 38

catcatctcc tgtgatcgag gatgctcgac acccacacaa ataccgcatg ctcatcgcaa   60

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tggtggatgt gatctatcct gaatgtggcc cagccagtcc cagaccccga gttgtggccc        120

ttaatgccca caccttccct gcgtaatgga ggacaatttg tgatttccat taaggccaac        180

ctcaattact tcacaagcgt aagccgaggc cggtgttttc ctccgaagtg aaaaggatgc        240

aacaaggaga caatgaggcc gcaggagcag gttgaccctt agccaatatt aaagagacca        300

attccgtgcc gtggg                                                          315



<210>  39
<211>  160
<212>  DNA
<213>  Human

<400>  39
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ggtctgtgct tcacagcaac ctgacagtgg cgttcggggg cgttgttccc gtacgtagag        120

gacgtggagc gtcacaacag gcagtggagc ccaacgtcag                              160



<210>  40
<211>  220
<212>  DNA
<213>  Human

<400>  40
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ctgcccacca cccccatctc agaacagaag ggtggggagc cagagcccgc ctgccatgcc        120

ccagccagtc ccaacagcat aacagggtct tcttggcagc tgtattctgg agtctggatg        180

ttgctctgta aggaccttta gtaaaatttt gtacaaagac                              220



<210>  41
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<212>  DNA
<213>  Human

<400>  41
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gccggaagcc taccaggcac tgtgcactat gagcatgtgt kcaaagagta ctctctctga        180

gccaaagcat gcctgctcat ctcccctgtg gcagaaggga gccctgaggg ggcctcttcc        240

ataggctggg cccgagcatt gagtccaggt ggctgggtag ctttggccg cacctcagag        300

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<211> 330
<212> DNA
<213> Human

<400> 42
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gacgtggaga tccgggcaga gggcaatagc aggttcacgt acactgccct gaaggattgg   120

ctgcacgraa cataccggta agttgggcaa gacttttatc gagtaccggt cacagaagac   180

ctcacgcctc cccatcattt acatttcacc catggacata ggagggcccg agcaggaatt   240

cggtttttgac atagggccgg tcttcttttt gtaaaacctg aacccagaaa caacacattc   300

tttgcaaacc aaaggaccaa gtatttccat   330

<210> 43
<211> 210
<212> DNA
<213> artificial sequence

<220>
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